

Missouri  
Department  
of Transportation



Paula Gough, P.E., District Engineer

Northeast District  
Macon Regional Office  
26826 U.S. Highway 63  
Macon, MO 63552  
(660) 385-8245  
Fax (573) 526-3169  
Toll free 1-888 ASK MoDOT  
www.modot.mo.gov

# TABULATION SHEET

General Services  
(Procurement) Division

Thank you for your response to our Request # NE16-27Q-R2. For your information, the following is a tabulation of all responses which were received. This solicitation was awarded to: **Phoscrete Corporation**. If you have any questions, please contact me at the address/phone number shown above. Buyer: William D. "Bill" Noyes, CPPO, CPPB, Senior Procurement Agent Date/Time of posting: February 1, 2016/11:00 AM

## SCOPE OF WORK

Provide MALP (Magnesium-Alumina-Liquid-Phosphate) or similar Concrete Repair Material as well as a factory representative to be on site during the project and to assist with job planning beforehand. This may also involve supplying necessary equipment with operator(s) for the mixing/ placement of materials. This project involves a full-depth patch repair on a bridge located on Westbound Interstate 70, located approximately 10 miles west of New Florence, Missouri, in Montgomery County, over the Loutre River.

The patch is approximately 8' x 7' x 8", including a ½" asphalt wearing surface over the concrete deck (38 Cubic Feet) with material poured to match the top of asphalt grade. Enough material will be needed for 50 Cubic Feet to allow for overruns. The desired material is MALP (Magnesium-Alumina-Liquid-Phosphate) or similar Concrete Repair Material with a freezing point below (-10) degrees Fahrenheit and capable of supporting interstate traffic loads within one hour after finishing at 40 degrees Fahrenheit.

As a part of the cost of the quoted materials, this expense should include the vendor supplying a factory representative to assist with planning by advising on equipment and materials beforehand, particularly with regard to mixing and placing this large quantity of material quickly without damaging any mixing equipment, with this same representative being required to be available on-site for the pour early on the project work date and would remain until traffic is turned onto the patch and equipment is cleaned up. As a possible option, vendors may also provide, as a part of their quotation, information on supplying mixing and/or placement equipment with operator(s) to run the mixing operation.

This repair work is currently planned to be accomplished on Tuesday, February 9, 2016, but this date is weather dependent. The long-range forecast for that day is 40/20 degrees high/low air temperatures. To be prepared in the event the existing patch on the bridge does not hold until February 9th, materials should be delivered to our New Florence facility as soon as possible and no later than February 4, 2016, so these will be on hand if needed for repairs prior to the planned work date. Should the existing patch not hold until February 9th, the factory representative (and any bidder-supplied operators & equipment, if that option is selected) would need to be on-site as early as February 4th, after receiving 24 hours' notice.

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INFORMATION REQUESTED	BECKMAN BROS., INC.	PHOSCRETE CORPORATION
<p>What brand/type of MALP or similar Concrete Repair Material are you quoting for this project? With this response include firm unit pricing, listing your company's unit of measure for this material along with information on the type of containers and the quantity per container which will be delivered. Include the extended total cost pricing for this material based upon providing enough material for 50 Cubic Feet.</p>	<p>Alaskrete is a MALP (Magnesium-Alumina-Liquid-Phosphate) product.</p> <p>2 units x \$9,998.00 = \$19,996.00</p> <p>46 cubic feet of material would be delivered in 2 super sacks &amp; 2 55-gallon liquid drum. The remaining 4 cubic feet of material would be in the machine.</p> <p>Cost to use machine = \$2,000.00</p> <p><b>TOTAL: \$21,996.00</b></p>	<p>Phoscrete HC Dry Mix 50# Bag 120 x \$52 = \$6,240.00</p> <p>Phoscrete Liquid Activator 1 Gallon Jug 12 x \$25.00 = \$3,000.00</p> <p>Phoscrete Fast-Set Admix Large Pail 2 x \$300.00 = \$600.00</p> <p>Phoscrete Large Paddle Mixer 2 x \$0.00 = \$0.00</p> <p><b>TOTAL: \$9,840.00</b></p> <p>Coverage per kit (bag + jug) = 0.42cf 120 kits cover 50cf</p>
<p>What is the minimum number of days required to deliver material (the earliest date of delivery possible after receipt of a purchase order or notice to proceed)?</p>	<p>2 to 3 days</p>	<p>3 days from receipt of P.O. for delivery Delivery included with orders &gt;48 kits</p>
<p>The cost of services required from the factory representative should be included in the cost of the quoted material. If an earlier call-out is needed prior to February 9<sup>th</sup>, will there be any extra charges?</p>	<p>No extra charge to get to Missouri early</p>	<p>Phoscrete representative to be on-site for one day at no charge to customer on February 9, 10, or 11. If representative is required on-site earlier than February 9, on the weekend, or for additional days, services to be billed at \$800/day</p>
<p>Do you wish to provide equipment with operator(s) for the mixing and/or placement of material? If so, what would be the additional costs, beyond that of the material itself?</p>	<p>We have developed a machine that will mix the material and place it in the hole. It is not recommended to mix Alaskrete product without using this machine. MoDOT would need to provide a forklift with a 13 foot height capacity for loading material on the machine.</p>	<p>MoDOT to supply two (2) ½" 7hp drill motors plus six (6) 5-gallon buckets for mixing, and two (2) magnesium floats for finishing</p>
<p>If not providing wishing or able to provide equipment with operator(s), what equipment and methods do you recommend for mixing and placement? If you recommend use of a paddle-type mortar mixer, how would you share the risk of damage to the equipment caused by material setting up in the unit?</p>	<p>Question addressed in answers above</p>	<p>Question addressed in answers above</p>

AIS Construction and Industrial Solutions submitted information after the required solicitation response deadline had passed, therefore their submission could not be considered for evaluation or award.